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PHOTOGRAPHIC INTERPRETATION REPORT



25X1A

**MISSION
G-976**

24 AUGUST 1967

NPIC/R-152/67

AUGUST 1967

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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W A R N I N G

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MISSION G-976, 24 AUG 67

R-152/67

PREFACE

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THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [REDACTED] MISSION G-976, 24 AUG 67. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

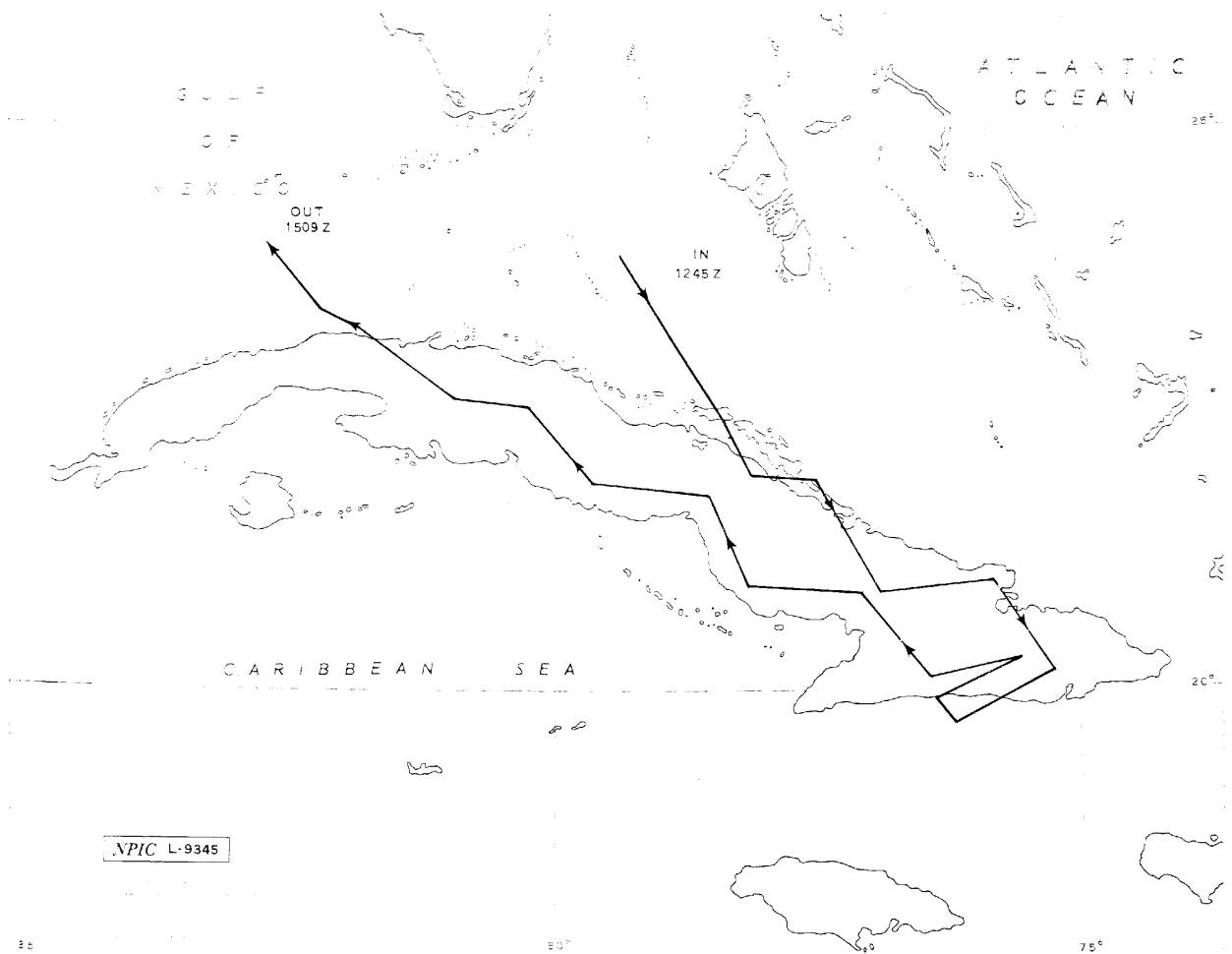
SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS-- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT (21-75 MM), MEDIUM (76-100 MM), HEAVY (OVER 100 MM), AND AUTOMATIC WEAPONS (ZPU-1, ZPU-2, AND ZPU-4). IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

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ITEMS OF SPECIAL INTEREST

PUNTA BALLEMATOS SA-3 SAM SITE -- THE CONFIGURATION OF THE SITE HAS CHANGED FROM SA-3 TO SA-2.

SANTIAGO DE CUBA EARTH-COVERED BUNKER -- NO ACTIVITY OR CHANGE IS NOTED.

MISSILES

25X1A

HOLGUIN AIRFIELD SAM SITE

CU 2046N 07619W

OB -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES), 2 ADDITIONAL LAUNCHERS, 5 MISSILE TRANSPORTERS (3 WITH EXPOSED MISSILES), A FAN SONG RADAR, AN ACQUISITION RADAR, 5 CARGO TRUCKS, AND 3 VAN TRAILERS. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES. ACTIVITY -- A FAN SONG RADAR WITH ASSOCIATED EQUIPMENT IN A POSSIBLE TRAINING MODE IS LOCATED 1.0 NM ESE OF THE SITE AT UTM 18QUT633973. (MAP REFERENCE -- AMS SERIES E723, SHEET 4978-III, 1ST ED.)

25X1D

MANAGUA SAM SITE A05-2

CU 2259N 08215W

OB -- 6 EMPLACED LAUNCHERS, 4 PROBABLE MISSILE TRANSPORTERS, A PROBABLE FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS, 1 PROBABLE ACQUISITION RADAR WITH ASSOCIATED GENERATOR VAN, AND AT LEAST 8 OTHER VEHICLES. ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

RANCHUELO SAM SITE A33-2

CU 2223N 08010W

OB -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES), 12 MISSILE TRANSPORTERS (3 WITH MISSILES), 1 PROBABLE MISSILE TRANSPORTER, A FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS AND A SMALL BUILDING, AN ACQUISITION RADAR WITH 2 GENERATOR VANS, AND 25 OTHER VEHICLES. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

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SANTIAGO DE CUBA SAM SITE A23-2

CU 1959N 07550W

OB -- 6 EMPLACED LAUNCHERS, 16 MISSILE TRANSPORTERS, A
FAN SONG RADAR WITH SHED-COVERED EQUIPMENT, 9 AT-S
TRACKED PRIME MOVERS, 2 ZIL-157V TRUCK TRACTORS, 10
CARGO TRUCKS, 2 UTILITY TRUCKS, 1 TRUCK-MOUNTED CRANE,
AND 3 VAN TRAILERS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

SANTIAGO DE CUBA SAM SITE 2

CU 1958N 07549W

OB -- NONE OBSERVED.
CONSTRUCTION CONTINUES.

25X1D

PUNTA BALLEMATOS SA-3 SAM SITE

CU 2304N 08229W

OB -- NONE OBSERVED.
THE CONFIGURATION OF THE SITE HAS CHANGED FROM SA-3 TO
SA-2. THE CHANGES INCLUDE A RADICAL MODIFICATION TO
THE 4 PREVIOUSLY EXISTING REVETMENTS, FROM DRIVE-IN TO
DRIVE-THROUGH, AND THE CONSTRUCTION OF 2 NEW
DRIVE-THROUGH REVETMENTS. THE OUTER AND STAR-SHAPED
INNER ROAD PATTERNS ARE UNDER CONSTRUCTION. THE FORMER
2 MISSILE-HOLD POSITIONS HAVE BEEN FILLED IN AND 2
DRIVE-THROUGH MISSILE-HOLD REVETMENTS ARE ALSO UNDER
CONSTRUCTION ON THE SOUTH SIDE OF THE SITE. AN ON-SITE
SUPPORT AREA OF 4 PROBABLE BARRACKS BUILDINGS IS
LOCATED IMMEDIATELY NW OF THE SITE.

25X1D

LA HABANA SAM SITE FORT DE LA CABANA

CU 2308N 08220W

OB -- NONE OBSERVED.
CONSTRUCTION CONTINUES.

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[REDACTED]

25X1A

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE CU 2309N 08156W

OB -- NONE OBSERVED.
ACTIVITY -- NONE OBSERVED.

25X1D

[REDACTED]

SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE CU 2255N 08210W

OB --- AT LEAST 25 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D

[REDACTED]

SANTIAGO SAM TRAINING AREA

CU 1958N 07551W

OB -- 1 MISSILE TRANSPORTER, 6 CARGO TRUCKS, 19 VAN
TRUCKS, 3 UTILITY TRUCKS, 1 TRUCK-MOUNTED CRANE, 7
CARGO TRAILERS, AND 4 VAN TRAILERS.

25X1D

[REDACTED]

AIR FACILITIES

HOLGUIN AIRFIELD

CU 2047N 07618W

OB -- 7 FISHBED AND 12 FAGOT/FRESCO.
CONSTRUCTION OF AIRCRAFT REVETMENTS CONTINUES.

25X1D

[REDACTED]

ANTONIO MACEDO AIRFIELD

CU 1958N 07550W

OB -- 1 COOT, 1 C-47, AND 2 MORAVA L-200.

25X1D

[REDACTED]

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25X1A

JOSE MARTI INTERNATIONAL AIRFIELD CU 2259N 08224W

OB -- 27 MEDIUM STRAIGHT-WING AIRCRAFT.

25X1D

CAMPO LIBERTAD AIRFIELD CU 2305N 08226W

OB -- 4 PROBABLE FAGOT/FRESCO, 3 PROBABLE ZLIN TRENER,
3 COLT, 22 HOUND, 1 PROBABLE HOUND, AND 9 HELICOPTER
FUSELAGES.
FACILITIES -- A NEW HANGAR IS UNDER CONSTRUCTION.

25X1D

BAYAMO AIRFIELD EAST

CU 2022N 07637W

OB -- 3 COLT AND 4 HOUND.

25X1D

BAYAMO AIRFIELD

CU 2023N 07637W

OB -- NONE OBSERVED.
CONSTRUCTION ON FACILITIES CONTINUES.

25X1D

NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT

CU 2001N 07550W

OB -- NONE OBSERVED.
OTHER VESSELS -- 3 LARGE FREIGHTERS AND 3 LARGE
TANKERS.

25X1D

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25X1A

MATANZAS PORT

CU 2302N 08134W

VESSELS -- 1 LARGE FREIGHTER.

25X1D

LA HABANA PORT FACILITIES

CU 2307N 08220W

OB -- 2 PROBABLE KRONSTADT, 3 PROBABLE S.O.1, AND 3
KOMAR PTG (2 ON MARINE RAILWAY).
OTHER VESSELS -- 18 FREIGHTERS, 1 COASTAL TANKER, AND 2
FLOATING DRYDOCKS.

25X1D

PUNTA BALLENATOS MARINA

CU 2305N 08230W

OB -- 6 SMALL UNIDENTIFIED VESSELS.

25X1D

ELECTRONICS/COMMUNICATIONS

SANTIAGO DE CUBA EW/GCI RADAR SITE

CU 1959N 07551W

OB -- NONE OBSERVED.
ACTIVITY -- 8 AT-S TRACKED PRIME MOVERS, 11 CARGO
TRUCKS, 7 VAN TRUCKS, 2 UTILITY TRUCKS, AND 1 OCCUPIED
6-GUN AAA SITE.
CONSTRUCTION CONTINUES ON THE ARCH-ROOFED BUILDING.

25X1D

LA SOCAPA LOW SIEVE RADAR SITE

CU 1958N 07552W

OB -- 1 LOW SIEVE RADAR.

25X1D

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25X1A

SANTA CRUZ DEL NORTE RADAR SITE

CU 2308N 08155W

OB -- 1 TOKEN RADAR, 1 VAN TRUCK, 5 PROBABLE VAN TRAILERS, AND 1 VEHICLE/PIECE OF EQUIPMENT. NO APPARENT CHANGE IN FACILITIES.

25X1D

MILITARY ACTIVITY

RANCHO BOYEROS MIL TRAINING AREA A CAMP

CU 2300N 08218W

OB -- AT LEAST 10 FA/AAA PIECES AND 31 VEHICLES.

25X1D

HOLGUIN MILITARY CAMP

CU 2053N 07613W

OB -- 6 TANKS/SP GUNS, 48 FA PIECES, 42 AAA PIECES, 20 MORTARS, 15 BTR 60-P, 2 PROBABLE BTR 50-P, 5 BTR 152, 106 CARGO TRUCKS, 30 VAN TRUCKS, 4 TRUCK-MOUNTED CRANES, 12 VAN TRAILERS, AND 4 CARGO TRAILERS. NO APPARENT CHANGE IN FACILITIES.

25X1D

MANAGUA MILITARY CAMP

CU 2258N 08217W

OB -- AT LEAST 125 VEHICLES/PIECES OF EQUIPMENT.

25X1D

MANICARAGUA STORAGE AREA

CU 2206N 07958W

OB -- NONE OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

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25X1A

NAZARENO MILITARY CAMP

CU 2257N 08213W

OB -- AT LEAST 37 VEHICLES.

25X1D

SAN JOSE DE LAS LAJAS MILITARY ACTIVITY

CU 2258N 08212W

OB -- AT LEAST 30 FA/AAA PIECES AND 13 VAN TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

SANTA MARIA DEL ROSARIO VEHICLE PARK

CU 2303N 08215W

OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CAMPO LIBERTAD VEHICLE PARK

CU 2304N 08227W

OB -- 5 POSSIBLE SA-2 MISSILE-TRANSPORTERS, 3 POSSIBLE
MISSILE-CANISTER TRANSPORTERS, AND NUMEROUS
VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.
QUALITY AND OBLIQUITY LIMIT INTERPRETATION.

25X1D

ALTURAS DE BELEN VEHICLE PARK

CU 2305N 08224W

OB -- AT LEAST 15 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D

MAR VERDE LANDING BEACH

CU 1957N 07556W

NO NEW MILITARY ACTIVITY.

25X1D

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OTHER ACTIVITY

25X1A

SANTIAGO MIL CAMP SW EARTH-COVERED BUNKER CU 1959N 07550W

NO ACTIVITY OR CHANGE OBSERVED.

25X1D

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-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

25X1A

TORRENS SAM ASSEMBLY AREA	2257N 08227W
SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA	2257N 08221W
LA HABANA RADAR SITE COJIMAR	2308N 08219W
LA HABANA RADAR SITE EL MORRO NO 1	2309N 08221W
SANTIAGO DE LAS VEGAS MILITARY CAMP	2258N 08220W
SANTIAGO DE LAS VEGAS MIL CAMP SOUTH	2257N 08223W
GUANABACOA MILITARY AREA	2307N 08215W
LOMAS TETAS DE MANAGUA TANK PARK	2258N 08219W

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